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MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

POLAR SEAL PRIME SECURITY/CHEMICAL NAME: AQUEOUS ACRYLIC PRIMER SEALANT

FORMULATION: PROPRIETARY

MSDS DATE: 03/06/07 SUPERSEDES: 01/01/2006

NOT OSHA REGULATED
NOT WHMIS CONTROLLED

		<u>SCALE</u>
TOXICITY	1	4=EXTREME
FIRE	0	3=HIGH
REACTIVITY	0	2=MODERATE
SPECIAL	0	1=SLIGHT
		0=INSIGNIFICANT

DOT HAZARD CLASS

NON HAZARDOUS

COMPOSITIONAL INFORMATION

APPROX.WT.% TLV

CLEAR ACRYLIC COATING WITH GREEN TINT AND PERFORMANCE ADDITIVES
OTHER THAN BASE ACRYLIC EMULSION THIS PRODUCT CONTAINS SIMILAR INGREDIENTS TO AN ACRYLIC LATEX PAINT

PHYSICAL PROPERTY INFORMATION

APPEARANCE – ODOR – PH:	WHITE OR COLORED AQUEOUS LIQUID, MILD ODOR PH 8+
MELTING OR FREEZING POINT:	SAME AS WATER
BOILING POINT:	212°
VAPOR PRESSURE (MM HG):	SAME AS WATER
VAPOR DENSITY (AIR=1):	<1 (LIGHTER)
SOLUBILITY IN WATER:	DILUTABLE
PERCENT VOLATILE (BY WEIGHT):	40 WT. % WATER
SPECIFIC GRAVITY (WATER=1):	<1 (LIGHTER)
EVAPORATION RATE (BUTYL ACETATE=1):	<1 (SLOWER)
VOLATILE ORGANIC COMPOUND	.11 LBS. PER GALLON

FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	NA (AQUEOUS)
AUTO IGNITION TEMPERATURE:	NA (AQUEOUS)
LOWER EXPLOSION LIMIT (%):	NA (AQUEOUS)
UPPER EXPLOSION LIMIT (%):	NA (AQUEOUS)
EXTINGUISHING MEDIA:	CO ₂ , FOAM, DRY CHEMICAL, WATER SPRAY OR FOG
SPECIAL FIRE FIGHTING PROCEDURES:	BREATHING APPARATUS WHEN FIGHTING FIRES IN ENCLOSED AREAS. AFTER WATER EVAPORATES, REMAINING MATERIAL WILL BURN. USE ALL-PURPOSE FOAM ON LARGE FIRES. USE CO ₂ OR DRY CHEMICAL ON SMALL FIRES.
USUAL FIRE AND EXPLOSION HAZARDS:	PRODUCT WILL NOT BURN IN LIQUID STATE. MAY SPLATTER IF TEMPERATURE EXCEEDS BOILING POINT. DRIED SOLIDS CAN BURN, GIVING CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN.

HEALTH HAZARD INFORMATION

EXPOSURE LIMITS: NON HAZARDOUS, OSHA PERMISSIBLE EXPOSURE LIMIT (PEL) AND THRESHOLD LIMIT VALUE (ACGIH) ARE NOT APPLICABLE

SWALLOWING AND SKIN ABSORPTION: NOT ANTICIPATED TO BE HAZARDOUS

INHALATION: PROLONGED EXPOSURE IN POORLY VENTILATED AREAS MAY CAUSE SKIN AND EYE IRRITATION.

SKIN CONTACT: PROLONGED CONTACT MAY CAUSE SLIGHT IRRITATION OF THE SKIN, FOR THOSE WITH SENSITIVE SKIN.

EYE CONTACT: PROLONGED OR DIRECT CONTACT MAY CAUSE EYE IRRITATION:

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING: NO HARMFUL EFFECTS EXPECTED

INHALATION: NO EMERGENCY CARE ANTICIPATED

EYES & SKIN: FLUSH EYES WITH LARGE AMOUNTS OF WATER, IF IRRITATION PERSISTS CONSULT PHYSICIAN. REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER.

NOTES TO PHYSICIAN: TOXICOLOGY STUDIES OF SIMILAR MATERIAL HAVE SHOWN THE MATERIAL TO BE OF VERY LOW ACUTE TOXICITY. THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION.

REACTIVITY INFORMATION

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS: WILL NOT OCCUR

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

SPILL OR LEAK PROCEDURE INFORMATION

KEEP SPECTATORS AWAY – SURFACE MAY BE SLIPPERY; USE CARE TO AVOID FALLING. DIKE AND CONTAIN SPILL WITH INERT MATERIAL (I.E. SAND, EARTH). ALLOW MATERIAL TO DRY, FLUSH AFFECTED AREA WITH WATER IF NECESSARY. FOR DISPOSAL OF SOLIDS IN LAND FILLS, FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS.

SPECIAL PROTECTION INFORMATION

VENTILATION TYPE: NONE NEEDED FOR EXTERIOR APPLICATIONS, LOCAL EXHAUST OR MECHANICAL MAY BE NEEDED FOR INTERIOR OR CONFINED AREAS.

RESPIRATORY PROTECTION: NONE NEEDED FOR EXTERIOR APPLICATIONS. RESPIRATOR MAY BE NEEDED FOR INTERIOR OR CONFINED AREAS.

PROTECTIVE GLOVES: LATEX, VINYL OR RUBBER

EYE PROTECTION: USE SPLASH GOGGLES WHEN APPLYING OVERHEAD.

OTHER PROTECTIVE EQUIPMENT: NONE NEEDED

STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE: MAX. 100° F – MIN. 40° F

INDOOR: YES

HEATED: YES

REFRIGERATED: NO

STORE OUT OF DIRECT SUNLIGHT FOR LONG PERIODS OF TIME. KEEP FROM FREEZING-STORE IN TEMPERATURES 50°F TO 100°F.

TOXICITY INFORMATION

NONE REQUIRED

MISCELLANEOUS INFORMATION

DO NOT INGEST. KEEP OFF SKIN AND CLOTHING. KEEP AWAY FROM EYES. STORE CONTAINERS AWAY FROM HEAT AND SUNLIGHT BETWEEN 50°F AND 100°F